# PATENT COOPERATION TREATY

PCT/JP2005/018492

# TIENT COOLERATION TREATT

From the INTERNATIONAL BUREAU

# PCT

NOTHEIGATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 4461.26) and 72.2)

To:

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07.7.-9

Date of mailing (day/month/year)
28 June 2007 (28.06.2007)

Applicant's or agent's file reference
KW318PC

International application No.
PCT/JP2005/018492

Applicani

KABUSHIKI KAISHA KENWOOD et al

- 1. Transmittal of the translation to the applicant.
  - The International Bureau transmits berewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
- The International Bureau transmits herewith a copy of the English translation of the international preliminary report on palentability (Chapter II).
- 2. Transmittal of the copy of the translation to the designated or elected Offices.
  - The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

    FP. R7.
  - The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the international Bureau only upon their request:
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- 3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).
  - The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).
  - It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

# TRANSLATION

# PATENT COOPERATION TREATY

# PCT

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

MOT 4-41-1- 26 --4 R-4- 201

	(PCT Article 36 and Rule 70)			
Applicant's or agent's file reference KW318PC	FOR FURTHER ACTION	See Form PCT/IPEA/416		
ternational application No.	Interestional filing date (day/month/year	Priority date (daw/month/year)		
PCT/JP2005/018492	29.09.2005	30.09.2004		
ternational Pateot Classification (IPC)	or national classification and IPC			
pplican KABUSHIKI KAISHA 1	KENWOOD			
This report is the internations	d oreliminary examination report, established b	y this International Preliminary Examining Authority		
under Article 35 and transmitte	ed to the applicant according to Article 36.			
<ol><li>This REPORT consists of a to</li></ol>		ing this cover sheet		
3. This report is also accompanie	d by ANNEXES, comprising:			
	ant and to the International Bureau) a total of 💆			
	description, claims and/or drawings which have	been amended and are the basis for this report and/or		
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Form PCT/IPEA/409 (cover sheet) (April 2005)

ternational	application N	10.		
PCT/	JP2005	/018	4	9:

Box	No. I	Basis of the report	
L.	With	regard to the impuage, this report is based on:	
	$\boxtimes$	the International application in the language in which it was fi	lled
		the translation of the international application into	, which is the language of a
		international search (Rule 12.3(a) and 23.1(b))	
		publication of the international application (Rule 12.4(s	»
		international preliminary examination (Rule 55.2(a) and	Vor 55.3(a))
2	recei	iving Office in response to an invitation under Article 14 are report):	eport is based on (replacement sheets which have been furnished to the referred to in this report as "originally filed" and are not annexed to
	씱	the international application as originally filed/furnished	
		the description:	as originally filed/furnished
		pages 1-21	received by this Authority on
			received by this Authority on
	<b>5</b> 7		received by this Authority on
	$\bowtie$	the claims:	N. W. M. Marie
		nos. 2,4	
		nos."	
			received by this Authority on 28.04.2006
	_	nos.*	received by this Authority on
	$\bowtie$	the drawings:	
		sheets _fig. 1-8	as originally filed/fornished
		epoets.	received by this Authority on
		sheets*	received by this Authority on
		a sequence listing and/or any related table(s) - are Suppleme	mal Box Relating to Sequence Listing.
3.		The amendments have resulted in the cancellation of:	
		the description, pages	
1		the claims, nos.	
		the drawings, sheets/figs	
ŀ		the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	
4.		This report has been established as if (some of) the amenda they have been considered to go beyond the disclosure as file	ments annexed to this report and listed below had not been made, since ed, as indicated in the Sopplemental Box (Ruic 70.2(e)).
		the description, pages	
		the claims, nos.	
		the drawings, sheets/figs	<del></del>
1	*	the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	<del></del>
Ŀ	If it	tent 4 applies, some or all of those sheets may be marked "supe	rrseded."
E	DOT	C/IPE A/ADD (Box No. 1) (Amil 2005)	

International application No.

PCT/JP2005/018492

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No. IV Lack of unity of invention
1. in response to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit:
restricted the claims
paid additional fees
paid additional fees under protest and, where applicable, the protest fee
paid additional fees under protest but the applicable protest fee was not paid
acither restricted the claims nor paid additional fees
This Authority found that the requirement of unity of invocation is not compiled with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fact.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is:
complied with
not complied with for the following reasons:
The feature that is common to the inventions set
forth in claims 1 to 8 pertains to generating a binary
positive/negative scrambling pattern and then
multiplying multivalue data by said pattern
(hereinafter referred to as "technique X").
However, the search results revealed that
technique X is not novel in that said technique is
disclosed in the document JP 2004-200972 A ((Yugen
Kaisha Kepusutoramu), 15 July 2004, claim 1).
Such being the case, technique X does not define
a contribution over the prior art, and thus this
common feature (technique X) is not a special
technical feature.

Form PCT/IPEA/409 (Box No. IV) (April 2005)

[Refer to the Supplemental Box]

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

ı	International application No.
ĺ	PCT/JP2005/01849

Box No. V		Reasoned statement under Article 35(2) with regard to novelty, invantive stations and explanations supporting such statement							ial applicability;	
1.	Statement					٠.				
	Novelty (	. (14	Claims	З,	4,	6,	8	•		YES
			Claims	1,	2,	5,	7			NO
	Inventive	step (IS)	Claims	3,	4,	6,	.8		-	YES
			Claims							NO
Industrial ap		applicability (LA)	Claims	1-	8					YES
			Claims							NO
				-	1					

# 2. Citations and explanations (Rule 70.7)

Document 1: JP 2004-200972 A (Yugen Kaisha Kepusutoramu), 15 July 2004, claim 1

# Claims 1, 2, 5 and 7

Document 1 describes generating a binary positive/negative scrambling pattern and then multiplying multivalue data by said pattern; therefore, the invention disclosed in document 1 is substantially the same as the inventions set forth in claims 1, 2, 5 and 7.

## Claims 3, 4, 6 and 8

The configuration for generating a base band signal, wherein the sets of data are divided according to the priority levels thereof and then redundant bits are added to the sets of high priority data, is not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art.

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/JP2005/018492

Supplemental Box

In case the space in any of the preceding boxes is not sufficient. Continuation of: Box IV.3

As a result, there is no special technical feature that is common to all of the inventions set forth in claims 1 to 8; therefore, said inventions can be classified into two groups of inventions: the group of inventions set forth in claims 1, 2, 5 and 7, and the group of inventions set forth in claims 3, 4, 6 and 8. Consequently, the inventions set forth in claims 1

to 8 do not conform to the requirement of unity of invention.